

BOGUCKI, Wladyslaw, prof. dr inz.

Testing the work of the bridge over the Sludwia River. Inż i
bud 19 no.10:375-377 0 '62.

1. Politechnika, Gdańsk.

BOGUCKI, Wladyslaw, prof. dr ina. (Gdansk)

Tensioned steel construction of an office building. Przegl
budowl i bud mieszk 35 no.1:20-22 Ja '63.

BOGUCKI, Wladyslaw (Gdansk)

Breakdown in the assembly of a steel construction. Przegl budowl
i bud mieszk 35 no.9:482-483 '63.

BOGUCKI, Wladyslaw (Gdansk)

Curtain walls and roofings made of light three-layer boards.
Przegl budowl i bud mieszk 35 no. 11:600-605 N'63.

BOGUCKI, Wladyslaw, prof. dr inz.

Designing prestressed steel constructions. Inz i bud 21 no.5:
Suppl:maly por konstr 5 no.3:17-18 My '64.

1. Technical University, Gdansk

BOGUCKI, Z.

Three-battery radio receiver 3R10. p. 2. RADIOAMATOR,
Warszawa. Vol. 5, no. 3, Mar. 1955.

SOURCE:

East European Accession List (EEAL) Library of Congress
Vol. 5, no. 8, August 1956.

BOGUCKI, Z.

From the practice of radio amateurs. p. 27.

RADIOAMATOR (Publication for amateur radio operators. Title varies; before 1954,
Radio Amator. Monthly) Warszawa, Poland.
Vol.9, no.8, Aug. 1959.

Monthly list of East European Accessions (EEAI), LC, Vol.9, no.1, Jan. 1959.
Uncl.

MULLER, Ludwik; BOGUCKI, Zbigniew

Distribution of the dynamic axial forces in herringbone transmission gears. Mechanika Gliwice no. 20: 39-58 '63.

1. Zaklad Badan Mechanicznych Przekladni Zebatych, Politechnika, Gliwice (for Muller). 2. Katedra Mechaniki Technicznej, Politechnika, Gliwice (for Bogucki).

MULLER, Ludwik, doc. dr inz.; BOGUCKI, Zbigniew, mgr. inz.

Directives for support in bearing of double-helical gears.
Przegl mech 22 no.18:557-561 25 S'63

1. Zaklad Badan Mechanicznych Przekladni Zebatych, Politechnika,
Gliwice.

BOGUCKI, Zdzislaw, inz.

Plastic working in the automatic machine production line.
Przegl.mech 22 no.4:112-115 25 F '63.

1. Prozamet, Poznan.

BOGUCKI, Zdzislaw

Automatic line for the production of sprocket wheels. Problemy
proj hut maszyn ll no.9:272-275 S'63

1. Prozamet, Poznan.

BARANENKO, V.A.; BOGUDLOV, A.M.; KATAGAROV, F.K.; NOSENKO, Yu.A.

Observations of fireballs in Dnepropetrovsk. Astron.tsir.
no.218:16-17 F '61. (MIRA 14:7)

1. Dnepropetrovskaya vizual'no-opticheskaya stantsiya.
(Meteors)

BOGUDLOV, A.II.; NOSENKO, Yu.L.; CHIKARENKO, A.L.

Observations of three fireballs in Dnepropetrovsk. Astron.tsir.
no.221:11-12 Ap '61. (MIRA 14:11)

1. Dnepropetrovskaya vizual'no-opticheskaya stantsiya.
(Meteors)

BOGUDLOV, A.M.

Photographing the sun. Biul.VAGO no.32:58-59 '62. (MIRA 15:11)

1. Otdel Solntsa Khar'kovskogo otdeleniya Vsevoyuznogo astronomo-geodesicheskogo obshchestva.
(Sun) (Astronomical photography)

LOKTIONOVA, N.A.; Prinimali uchastiye: PANTYUSHKOVA, N.S.; POBOCHINA, T.V.;
KRASNOVA, A.I.; FEL'DMAN, F.Z.; INOZHARSKAYA, L.A.; BOGUKHVALOVA,
Z.V.; PRYTKOV, I.I.

Increasing the dimensional stability of Al9 alloy castings
by heat treatment. Alium. splavy no.l:80-91 '63.
(MIRA 16:11)

MARIN, Dumitru; BOGULEANU, Gh.

Contributions to the knowledge of the food of starling
(*Sturnus vulgaris balcanicus* But. et Harms) chicks during
their next period. *Comunicari zoolog* 2: 41-50 '63.

MANOLACHE, C.; BOGULEANU, Gh.; SANDRU, I.; BERATLIEF, C.

New contributions to the biological study and fight against
the Colorado beetle (*Leptinotarsa decemlineata* Say) in Rumania.
Studii cerc biol anim 15 nr.4:443-464 '63.

1. Membru corespondent al Academiei R.P.R. (for Manolache).

"APPROVED FOR RELEASE: 06/09/2000

CIA-RDP86-00513R000206010009-3

ILIESCU, Florica L.; DUTU, Rodica; BOGULEANU, Neonila

Relationship between cystic mastosis and epithelioma of the mammary gland as studied from the histopathological point of view. Rumanian med. rev. no.2:3-7 '62.

(BREAST NEOPLASMS) (BREAST DISEASES)

APPROVED FOR RELEASE: 06/09/2000

CIA-RDP86-00513R000206010009-3"

BOGULKINA, T.E.; SINYAVSKAYA, O.A.

Rare case of congenital hematoporphyrinuria in an 8-year-old
girl. Pediatriia no.1:78-79 '62. (MIRA 15:1)

1. Iz kafedry propedevtiki detskikh bolezney (zav. - dotsent
T.E. Bogulkina) Sverdlovskogo meditsinskogo instituta (dir. -
prof. A.F. Zverev) na baze detskoy zheleznodorozhnoy bol'nitsy
Sverdlovska (glavnnyy vrach A.D. Firsova).
(PORPHYRINURIA)

BOGULOV, M. N.

Combined therapy for diseases of the vascular system of the eye
with antibiotics followed by transfusion of preserved blood. Vest.
oft. 34 no.1:40-42 Ja-F '55
(MIR 8:4)

1. Zav. kafedroy glaznikh bolezney Severo-Osetinskogo med. insti-
tuta.

(~~eye~~, blood supply,
disord., ther. with antibiotics & blood transfusion)

(ANTIBIOTICS, ther. use,

eye vasc. system dis., with blood transfusion)

(BLOOD-TRANSFUSION, ther. use,
eye vasc. system dis., with antibiotics)

The adsorption method of producing oils and determining their composition. N. S. Bogulyaykaya and A. S. Veli-korskii. *Neftegaz. Khim.* 19, No. 3, 18-40 (1947). The group composed of a fraction from naphthalene-base crude oil was dried, by passing a sample dried, with a low-boiling paraffin hydrotreater into a tall column of silica gel, until completely adsorbed, then adding more of the low-boiling paraffin and collecting successive portions of the ext. mln. This yielded a series of naphthenic and aromatic fractions, in which the aromatic content was determined, by sulfonation and by measuring the sp. dispersion. The resins were ext'd. from the silica gel with Me Et ketone and finally in a Soxhlet app., with acetone, but not investigated. A distillate of boiling range 404-420° from Neftalain crude oil yielded: fractions Nos. 1-5 (83% of the sample) substantially free from aromatic hydrocarbons and having a sp. gr. of 0.880 to 0.920; No. 6 (7%) contg. 60% aromatic hydrocarbons and having a sp. gr. of 0.920; and Nos. 7-11 (15%) consisting of aromatic hydrocarbons and ranging in sp. gr. from 0.960 to 1.000. Fractions 2 and 4 (370 mol. wt.) contain an av. of 3 naphthalene rings compared to 2, 2.5, and 3.5 aromatic rings in the 8th, 9th, 10th, and 11th fractions of RIR, 325, and 330 mol. wt., respectively. The biologically beneficial action of Neftalain crude oil is presumably due to polycyclic naphthalenes. Subcutaneous injection into white mice gave the following results: (1) aromatic hydrocarbons d_4^{20} 0.880 and 1.020—suppurative inflammation over a period of several days, (2) naphthenes d_4^{20} 0.934 no ulceration or suppuration, (3) initial fraction 404-420° suppuration, but less pronounced than with the aromatic hydrocarbons. Data on 29 fractions and their properties, obtained in treating with the silica gel a residue from RIRba crude oil, are also tabulated. Passage of the naphthenic fractions again through silica gel gave a new series of fractions completely free from aromatic hydrocarbons. Both the naphthenes and aromatic hydrocarbons from RIRba crude oil have a higher content of aliphatic chains and therefore their thermal stability is much better than that of the corresponding fractions from Neftalain crude oil. The use of this method for making low-pour-point oils (dewaxing) and for refining oils by adsorption with silica gel is suggested. B. C. M.

ASA-ELA METALLURGICAL LITERATURE CLASSIFICATION

6-27-1998 12

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CIA-RDP86-00513R000206010009-3"

BOGULSAVSKIY, M.G.; SHAROVA, Ye.Ye.

Standards for the calibration and testing of radioisotope thickness
meters. Izm.tekh. no.9:6-8 S '65. (MIRA 18:10)

18.1130

30459
S/129/61/000/011/008/010
E073/E135

AUTHORS: Bogulyubov, V.A., Nagovitsyn, V.V., Taratynov, V.P.,
Teymer, D.A., and Filyand, M.A.

TITLE: Stainless free cutting steel

PERIODICAL: Metallovedeniye i termicheskaya obrabotka metallov,
no.11, 1961, 41-43

TEXT: Machining of the steel 1X18H9 (1Kh18N9) can be effectively improved by introducing 0.20-0.40% S. However, a content of over 0.20% S brings about a deterioration in the hot-working properties of the material. This difficulty can be largely overcome if the sulphur is added in the form of sulphides of zirconium or molybdenum. However, the presence of sulphur will always reduce the plasticity and the resistance-to-corrosion of the material. The machinability of stainless steel can also be improved by introducing selenium. A content of 0.15-0.30% Se has no appreciable influence on the mechanical properties of chromium-nickel stainless steel; the elongation, contraction and impact strength are higher than in the case of adding S; the decrease in the resistance-to-corrosion is insignificant. Since Se cannot

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be used in its pure form, experiments have been made to find Se-containing master alloys which would enable obtaining the required Se content, without generating excessively poisonous substances during the process of melting. The experiments were carried out in high-frequency furnaces of 35-50 kg and 0.5-1.5-ton capacity and in a 1.5-ton capacity arc furnace. It was found that Se-containing steel should be produced in high-frequency furnaces with acidic linings since in these the amount of selenium oxide generated is 5-10 times lower than in basically-lined furnaces (the selenium contamination of the air was evaluated by V.P. Yershov of the Institut gigiyeny truda i profzabolevaniy AMN SSSR (Institute of Hygiene and Industrial Diseases of AMN USSR). The selenium-generation from arc furnaces is higher. The iron-base master alloy should contain 20-25% Se; if the Se content is higher its evaporation increases appreciably. Forming of the steel was without special difficulty, the initial forging temperature being 1150-1180 °C and the final one 900 °C. The thus-obtained blanks were hot-rolled to 6.5 mm and 4.5 - 4 mm strip for further cold-rolling. The hot-rolled strip was quenched from

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Stainless free cutting steel

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1050 °C in running water; the Se and S contents did not affect the hardness of the metal after heat-treatment. The machinability and the corrosion-resistance were also tested and comparative tests were made on steel containing S additions. It was found that additions of S or Se to the steel under investigation improved its machinability so that it approaches that of carbon steels. It was also found that additions of S did reduce the resistance-to-corrosion of the material. Addition of Se in a quantity greater than 0.15-0.30% reduces the corrosion-resistance of this steel on exposure to a hot and humid climate, an atmosphere which is contaminated by sulphurous gases, human perspiration and sea mist. There are 2 figures.

ASSOCIATION: TsNIIChM

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BOGULYUBOVA, L.I.

Petrographic composition of "dark brown" and "light brown" soft
brown coals. Lit. i pol. iskop. no.5:68-78 S-0 '64. (MIRA 17:11)

1. Geologicheskiy institut AN SSSR, Moskva.

AL'PEROVICH, M.A.; BOGULYUBSKAYA, L.T.

Oxacarbocyanins with α -naphthyl and α -thienyl groups in 5,5'-positions. Zhur. ob. khim. 34 no. 2:645-650 F '64. (MIRA 17:3)

1. Filial Naukno-issledovatel'skogo kinofotoinstituta, g. Shostka.

CZARTOSZEWSKI, Andrzej; BOGUMIL, Maria

Multiple ossified lipomas of the mesentery. Polski przegl. chir. 31 no.3:337-343 Mar 59.

1. Z III Kliniki Chirurgicznej A. M. w Warszawie Kierownik: Prof. dr med. J. Raczyński Z Zakładu Anatomii Patologicznej A. M. w Warszawie Kierownik: prof. dr med. L. Paszkiewicz. Adres autorów: Warszawa, ul. Sarbiewskiego 2.

(LIPOMA, case reports,
mesentery, multiple ossified (Pol))
(MESENTERIES, neoplasms,
lipomas, multiple ossified (Pol))

BEREK, Barbara; BOGUMIL, Maria; SAWICKA, Elzbieta

A case of Niemann-Pick disease in a 4-month-old infant. Pediat.
polska 35 no.2:216-221 F '60.

1. Z I Kliniki Chorob Dzieci A.M. w Warszawie. Kierownik: prof.
dr.med. R. Baranski i z Zakladu Anatomii Patologicznej A.M. w
Warszawie. Kierownik: prof.dr.med. L. Paszkiewicz.
(LIPOIDOSIS in inf.& child.)

ODERFELD, Jan, prof.,dr. (Warszawa); Bogumil, T., mgr.,inz.; GOLINSKI,
J., mgr.,inz.; MORECKI, A., doc.,dr.

Empirical determination of the kinetic coefficient of friction.
Archiw bud mazs 8 no.4:469-472 '61.

1. Zespol Katedry Teorii Maszyn i Mechanizmow Politechniki Warszawskiej

"APPROVED FOR RELEASE: 06/09/2000

CIA-RDP86-00513R000206010009-3

KROKOSA, Anna; POGUMIL-OCHROWSKA, Maria; ZAKRZEWSKI, Tadeusz

A case of congenital communication between the aorta and the right ventricle through Valsalva's sinus. Pediat. Pol. 39 no. 4:439-440 Ap '64.

1. Naukowa Niemowlęcaj (p.o. Kierownik: dr. med. H. Hofman);
2. Zakładu Anatomii Patologicznej (Kierownik: dr. E. Borowiczowa);
3. a Zakładu Fizjopatologii (Kierownik: doc. dr. med. A. Chroscicki) Instytutu Matki i Dziecka w Warszawie (Dyrektor: prof. dr. med. R. Gornicki).

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CIA-RDP86-00513R000206010009-3"

BIELOWICZ,A.; BOGUMIL-OCKOWSKA, Maria; KRUKOWA, Anna; ZAKRZEWSKI, T.

Combined congenital cardiac defects with rectal atresia. Ped.
Pol. 40 no.1:91-94 Ja '65

1. z Kliniki Chirurgicznej (Kierownik: prof. dr. med.
W. Poradowska); z Zakladu Fizjopatologii (Kierownik: d. med.
J. Swiderski); z Kliniki Nienowlecej (p.o. Kierownik: dr. med.
H. Hofman); z Zakladu Rentgenodiagnostyki -(Kierownik: doc. dr.
med. S. Kubicz) oraz z Zakladu Anatomii Patologicznej (Kierownik:
dr. med. K. Borowicz) Instytutu Matki i Dziecka w Warszawie
(Dyrektor: prof. dr. med. B.Gorniski).

BOGUMIL-OCZKOWSKA, Maria; WOLFF-PLODOWSKA, Anna

Myocardial infarction in a newborn infant, Pediat. Pol.
40 no.8:869-872 Ag '65.

1. Z Katedry Anatomii Patologicznej Studium Doskonalenia
Lekarzy AM w Warszawie (Kierownik: doc. dr. med. M. Kobu-
szewska-Faryna) i z Oddzialu Niemowlecego Miejskiego Szpitala
Bielanskiego w Warszawie (Ordynator: dr. med. K. Karlowicz).

BOGUMIL-OCZKOWSKA, Maria; RATAJCZAK-MAJEWSKA, Czeslawa; ZIELINSKA, Krystyna

Fatal hemorrhaging duodenal ulcer in newborn infants. Pediat.
Pol. 40 no.8:873-875 Ag '65.

1. Z Katedry Anatomii Patologicznej Studium Doskonalenia Lekarzy
AM w Warszawie (Kierownik: doc. dr. med. M. Kobuszewska-Faryna)
i z Oddzialu Niemowlecego Miejskiego Szpitala Bielanskiego w
Warszawie (Ordynator: dr. med. K. Karlowicz).

BOGUMIL CHIK, I.K.

Problems in organizing the introduction of measures taken from
literature and advanced practices at the Ishora Plant. NTI
no. 289-10 '65.

(MIRA 18:6)

BOGUMSKY, Bedrich

"Compression and transfer molding of plastics" by J. Butler.
Reviewed by Bedrich Bogumsky. Stroj vyr 10 no.10:535
O '62.

"APPROVED FOR RELEASE: 06/09/2000

CIA-RDP86-00513R000206010009-3

BOGUMSKY, Bedrich

"Vacuum-forming of thermoplastic foils" by Willi A. Neitzert.
Reviewed by Bedrich Bogumsky. Stroj vyr ll no.5:270 My '63.

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CIA-RDP86-00513R000206010009-3"

BOGUMSKY, Bedrich

"Pneumatic forming of thermoplastic foils" by Willi A. Neitzert.
Reviewed by ~~Bedrich~~ Bogumsky. Stroj. vyr 11 no.5:271 My '63.

BOGUMSKY, Bedrich

"Galvanoplastic injection forms" by St. Bagdach, E. Kaminski,
S. Katarzynski. Reviewed by Bedrich Bogumsky. Stroj vyr 11
no. 7:373 '63.

~~BOGDANOV~~, Bedrich, nositel Radu prace

Making slide rules with a bossed scale. Stroj vyr ll
no. 12: 615 '63.

1. Lisevny novych hmot, n.p., Vrbno pod Pradedem.

1. BOGUN, A., Eng.
2. USSR (600)
4. Ships - Maintenance and Repair
7. Mechanization of crankshaft assembly process. Mor. flot 13, No. 2, 1953.

9. Monthly List of Russian Accessions, Library of Congress, May 1953, Unclassified.

1. BOGUN, A.
2. USSR (600)
4. Diesel Motor
7. First diesel ship in the world, Eng. Rech.transp. 13 no. 2 of cover, 1953.

9. Monthly List of Russian Accessions, Library of Congress, APRIL 1953, Uncl.

BOGUN, A., inzhener.

Organizing crews for joint operations in ship repairing. Mor.flot
16 no.4:14 Ap '56. (MLRA 9:8)

1. Odesskiy Sudostroitel'nyy-sudoremontnyy zavod.
(Odessa--Ships--Maintenance and repair)

50-58-3-14/22 -

AUTHOR: Bogun, A. A.

TITLE: The Vertical and Horizontal Displacement of Pulses in the Electron-Ray-Tube LO-248 (Vertikal'noye i gorizonta'l'noye smeshcheniye impul'sov na elektronno-luchevykh trubkakh LO-248)

PERIODICAL: Meteorologiya i Gidrologiya, 1958, Nr 3, pp. 52 - 53 (USSR)
Volume: 1

ABSTRACT: The operation of the electron-ray-tubes LO-248 in the receiving set of a radar station has a peculiarity which not only diminishes the time of operation, but also deteriorates the quality of work of the entire station. This manifests itself above all in the work with the moving target (PRB-051). The momentum in the tube is always in the same place and therefore a burnt-through spot appears in this place of the screen after 150 - 200 working hours, the further utilization of such a tube meets with great difficulties and is diminished 2 - 3 fold. The author suggested quite a simple device which permits, without a change of the receiving scheme, to displace the momenta in the vertical as well as in the horizontal by 50 - 60 mm, i.e., to fix

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50-58-3-14/22

The Vertical and Horizontal Displacement of Pulses. in the Electron-Ray-Tube LO-248

the momenta according to the operator's desire in any place of the screen. There is 1 figure.

- : 1. Cathode ray tubes--Performance 2. Cathode ray tubes--Operation

Card 2/2

BOGUN, A.F.; RUSNAK, N.T.; ANDREYEVA, L.S., red.; LAVRENOVA, N.B.,
tekhn.red.

[Organization and mechanization of docking operations]
Opyt organizatsii i mekhanizatsii dokovykh rabot. Moskva,
Izd-vo "Morskoi transport," 1959. 100 p. (MIRA 13:2)
(Ships--Maintenance and repair) (Dry docks)

BOGUN, A.F.; MEZINOV, M.M., red.

[Mechanization of the work and the progressive technology
of ship repairs] Mekhanizatsiya proizvodstva i progres-
sivnaia tekhnologiya sudoremonta. Moskva, Transport, 1964.
87 p. (MIRA 18:2)

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CIA-RDP86-00513R000206010009-3

BOGUN, F., komandir vortoleta Mi-4 (Baku)

Piloting the Mi-4 helicopter. Gruzid.av. 20 no.8:28-29 Ag '63.
(MRA 16:9)
(Helicopters--Piloting)

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CIA-RDP86-00513R000206010009-3"

BOGUN, G.

Improve the financial work of industrial enterprises. Fin.
SSSR 16 no.3:28-31 Mr'55. (MLRA 8:2)

1. Nachal'nik finansovogo otdela moskovskogo zavoda "Dinamo" im.
S.M.Kirova.
(Factory management) (Finance)

BOGUN, G.S.

Metal screen made of steel cables, Bezop. truda v prom. 3 no.6:34
Je '59. (MIRA 12:10)

1. Metallurgicheskiy zavod "Azovstal'."
(Steel industry--Safety measures)

BOGUN, Georgiy Sergeyevich; NIKIFOROV, Nikolay Nikolayevich; MANKEVICH,
K.D., red.; BRODSKIY, Ya.Ye., red. izd-va; KARASEV, A.I., tekhn.
red.

[Checking scrap metal for explosives] Kontrol' vtorichnykh metallov
na vzryvobezopasnost'. Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po
chernoi i tsvetnoi metallurgii, 1961. 109 p. (MIRA 14:12)
(Scrap metals)

BOGUN, Georgiy Sergeyevich; NIKIFOROV, Nikolay Nikolayevich;
DAVYDOV, S.A., red.

[Labor safety and the conducting of blasting operations
in ferrous metallurgy plants] Okhrana truda i proizvod-
stvo vzryvnykh rabot na zavodakh chernoi metallurgii.
Moskva, Metallurgiia, 1964. 109 p. (MIRA 17:12)

BOGUN, I.; GUREVICH, A.

Urgent tasks of specialization in machinery manufacturing.
Vop.ekon. no.1:133-135 Ja '59.
(MIRA 12:1)
(Machinery industry)

1. BOGUM. S.S.
2. USSR (600)
4. Viticulture
7. Quicker shaping of grapevines. Vin.SSSr 12. no. 11. 1952
9. Monthly List of Russian Accessions, Library of Congress, March, 1952. Unclassified.

1. BOGUN, S. S.
2. USSR (600)
4. Viticulture-Kazakhstan
7. State wine farms in the desert-steppe zone of Kazakhstan. Vin SSSR 13
No. 1, 1953.

9. Monthly List of Russian Accessions, Library of Congress, April 1953, Uncl.

BOGUN, S.S.; FEDOSEYEV, A.P.

Climatic conditions of spring and measures for protecting vineyards.
from frost in the trans-Ili Ala-Tau piedmont. Trudy KazNIGMI no.8:
57-63 '57. (MIRA 11:12)
(Trans-Ili Ala-Tau region--Viticulture)

BOGUN, S.S.; MASLOVSKAYA, A.D.

Agroclimatic data on the time for the covering of vineyards in
the piedmont area of the Trans-Ili Ala-Tau Tudy KazNIGMI
no.13:97-101 '59. (MIRA 13:8)
(Frost protection)
(Alma-Ata Province--Viticulture)

BOGUN, S.S.

Bacterial cancer of grapevine caused by *Bacterium tumefaciens*.
Zashch. rast. ot vred. i bol. 6 no.12:22-23 D '61. (MIRA 16:5)

1. Starshiy agronom-vinogradar' Upravleniya vinodel'cheskoy promyshlennosti Rostovskogo soveta narodnogo khozyaystva.

BOGUN, V., avtomekhanik

Pneumatic oil feeder. Avt.transp. 40 no.11:51 N '62.
(MIRA 15:12)
(Motor vehicles—Lubrication)

BOGUN, V.A.

Stopping a free-flowing well. Razved.i okh.nedr 21 no.1:
56 Ja-F '55. (MLRA 9:12)

(Boring)

BOQUN, V.N.

Wide-spread participation of the Soviet public in the strive for
high quality work. Vest. sviazi 22 no.4:18-19 Ap '62.

(MIRA 15:4)

1. Nachal'nik Borisovskoy kontory svyazi Minskoy oblasti.
(Telecommunication—Employees)

BOGUN, V.V.

YEGOROV, G.I.; BOGUN, V.V.

Brief report on the work of the All-Russian conference of dermatologists
and venereologists held in Gorkiy on June 17-21, 1957. Vest.derm.
i ven. 32 no.1:87-90 Ja-F '58. (MIRA 11:4)
(DERMATOLOGY) (VENERELOGY)

BOGUN-DQBROVOL'SKIY, A.I., inzh.

Operation of the Irkutsk Hydroelectric Power Station. Gidr.stroi.
32 no.7:2-4 J1 '62. (MIRA 15:7)
(Irkutsk Hydroelectric Power Station)

BOGUN-DOBROVOL'SKIY, A.I., inzh.; SVIDCHENKO, A.N., inzh.

Mechanized soldering of the frontal connections of the hydro-generators of the Irkutsk Hydroelectric Power Station.
Elek. sta. 36 no.12:40-42 D '65. (MIRA 18:12)

BOGUNENKO, D.I., Cand. Sc. --(disc) "Types of ¹ rayon centers of ~~the~~
^{means} Odeskaya Oblast and ~~ways~~ of their further development." Moscow, 1958.
18 pp (Mos Order of Lenin and Order of Labor Red Banner State Univ M.V.
Lomonosov), 150 copies (KL,49-58,121)

-27-

BOGUNENKO, D.I.

Study of types of cities and rural district centers in Odessa Province.
Nauch.dokl.vys.shkoly; geol.-geog. nauki no.2:223-229 '58.

(MIRA 12:2)

1. Odesskiy universitet, geograficheskiy fakul'tet, kafedra ekonomiko-
cheskoy geografii.

(Odessa Province--Cities and towns)

BOGUNENKO, D.I. [Bohunenko, D.I.]

Economic and geographical features of the city of Izmail
in Odessa Province. Pratsi Od. un. zbir. mol. vchen. un. 148
no.3:363-372 '58 (MIRA 13:3)
(Izmail--Description)

BOGUNETS, N. P.

PA 11/49T31

USSR/Chemistry - Arsene Oxide, 3-Amino-

4-Oxyphenyl

Chemistry - Synthesis

Aug 48

"Synthesis of Acyl Derivatives of Sovaraene (3-Amino-4-Oxyphenylarsene Oxide," I. F. Shpeyer, N. P. Bogunets, Inst of Chem, Khar'kov State U, 3 R

"Zbir Priklad Khimii" Vol XXI, No 8

Acetylation of 3-amino-4-oxyphenylarsene oxide (I) does not give positive results, either with acetic anhydride or acetyl chloride. Use of a mixture of both reagents results in formation of 3-acetyl-3-amino-4-oxyphenylarsene oxide (yield is 34.5%,

11/49T31

USSR/Chemistry - Arsene Oxide, 3-Amino-

4-Oxyphenyl (Contd) Aug 48

MP 185-186°). Acetylation of I by chloroacetyl chloride results in formation of 3-chloroacetyl-4-oxyphenylarsene oxide. Yield 58%, MP 179 - 180°.

Benzoylation of I in an aqueous alcohol solution results in formation of 3-benzoylarnino-4-oxyphenylarsene oxide. Yield 32%, MP 233-234°. In acetic acid solution yield is 57%, and MP, 239°. Submitted 30 Jun 47.

11/49T31

BOGUNETS, N.P.: Master Chem Sci (diss) -- "Absorption spectra and the structure of pyrazole, pyrazolone, and their methyl and ethoxyderivatives".
Khar'kov, 1958. 16 pp (Min Higher Educ Ukr SSR, Khar'kov Polytechnic Inst im V.I. Lenin), 150 copies (KL, No 1, 1959, 113)

SOV/51-5-6-15/19

AUTHORS: Bogunets, N.P., Baturicheva, Z.B. and Naboykin, Yu.V.

TITLE: Infrared Absorption Spectra of Certain Pyrazole Derivatives in the
2.5-4.5 μ Region (Infrakrasnyye spektry pogloshcheniya nekotorykh
proizvodnykh pirazola v oblasti 2.5-4.5 μ)

PERIODICAL: Optika i Spektroskopiya, 1958, Vol 5, Nr 6, pp 707-708 (USSR)

ABSTRACT: Pyrazole and its methyl derivatives with free imino hydrogen are associated by formation of an intermolecular hydrogen bond of the $>N-H \cdots N<$ type. This is confirmed by the infrared absorption spectra of these compounds (Refs 1, 2). The ultraviolet absorption spectra of pyrazole and its methyl derivatives do not show the effect of formation of this hydrogen bond (Ref 3). The present paper deals with the infrared absorption spectra of the following ethoxy-derivatives of pyrazole with free imino nitrogen: 3-methyl-5-ethoxypyrazole (substance I in a table on p 708) and 3,4-dimethyl-5-ethoxypyrazole (II), as well as the infrared spectra of 1,3-dimethyl-5-ethoxypyrazole (III) in which imino hydrogen is replaced by a methyl group. The spectra were measured in the region of valence vibrations of the NH group using an IKS-11 infrared spectrometer with a LiF prism. The absorption spectra were obtained both for crystals in the form of thin layers on NaCl plates

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SOV/51-5-6-15/19

Infrared Absorption Spectra of Certain Pyrazole Derivatives in the 2.5-4.5 μ Region

and for solutions in carbon tetrachbride. The results are given in the table on p 708. Cols 1 and 2 give the frequencies for a solution and a crystal sample of compound I, cols 3 and 4 give the frequencies of a solution and a crystal sample of compound II and col 5 gives the frequencies of a solution of compound III. The 2.85 μ band appears in solutions of I and II, which contain the NH group. The 3.14, 3.21 and 3.25 μ bands were observed in crystalline samples and not in dilute solutions of compounds I and II. These three bands are due to antisymmetrical vibrations of nitrogen atoms bound with hydrogen in a six-member ring of the double molecule. The remaining bands appear in all the three compounds and are due to valence vibrations of the CH_1CH_2 (original in error?) and CH_3 groups. The results should suggest that dimerization in these three compounds occurs by formation of intermolecular hydrogen bonds of the same type as in the methyl derivatives of pyrazole (Refs 1, 2). There are 1 table, 1 figure and 3 references, 1 of which is Soviet, 1 Italian and 1 German.

SUBMITTED: June 16, 1958

Card 2/2

L 18832-63

EWT(1)/EWP(q)/EWT(m)/BDS AVFTC/ASD/ESD-3/IJP(C) JD/JW

ACCESSION NR: AT3001900

S/2912/62/000/000/0106/0108
60AUTHOR: Bogunov, Yu. I.TITLE: Contribution to an understanding of the physico-chemical mechanism of
the growth of crystals.SOURCE: Kristallizatsiya i fazovyye perekhody*. Minsk, Izd-vo AN BSSR,
1962, 106-108TOPIC TAGS: Crystal, crystallization, crystallography, single crystal, growth,
orientation, phase, boundary

ABSTRACT: The paper points out that in the growing of single crystals (SC) of alloys in the presence of a temperature (T) gradient (G), SC of different degree of perfection are obtained. Occasionally, large SC with varying central angle of block disorientation are formed, depending on the rate of advance. The boundaries between blocks are usually taken to be dislocations. In the study of the effect of TG on the degree of perfection of the SC's, especial interest is focused on the effect of the structure of the liquid phase along the boundary with the solid phase, that is, the growing crystal. It is postulated that the oriented monomolecular liquid layer contiguous to the solid phase must exert an orienting effect on the

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ACCESSION NR: AT3001900

next and further adjacent layers up to that distance at which the energy of thermal motion exceeds the energy of orientation. Any disruptions in the perfection of the growing crystal are attributed primarily to the crystal-fusion boundary. A brief bibliographic survey is made of outstanding Soviet contributions on the effect of the orientation within the liquid layer adjacent to the growing crystal. The primary purpose of the present brief note is to attract attention to this important aspect of the problem of crystallization.

ASSOCIATION: 00

SUBMITTED: 00

DATE ACQ: 16Apr63

ENCL: 00

SUB CODE: CH, PH, MA, NO REF SOV: 004

OTHER: 000

Card 2/2

BOGUNOVA, L.S.; VISHNYAKOV, S.G.; KHODZHAINOV, N.P.

Stratigraphy of Carboniferous sediments in the Kursk Magnetic
Anomaly. Mat.po geol.i pol.iskop.tsentr.raion.evrop.chasti
SSSR no.5:75-82 '62. (MIRA 16:6)
(Kursk Magnetic Anomaly—Geology, Stratigraphic)

✓ 2126. Bogunovic, V. On the bending of rectangular plates with one free edge (in Serbian). Beograd, Zbornik Građevinskih Fakulteta, 1952-1953, Ph.D. thesis, 186 pp.

This paper presents deflection solutions to plates having one free edge with remaining edges in accordance with the following schedule: (1) Simply supported along the other three edges; (2) the edge opposite the free edge fixed and the other two simply supported; (3) the edge opposite the free edge simply supported and the other two fixed; and (4) all three edges fixed.

Bending in case (1) is due to a single concentrated load applied at an arbitrary point, while in cases (2), (3), and (4) the

plates are uniformly loaded, or a concentrated load is applied at the middle of the free edge. Author claims the solution of case (1) may be extended to any other loading by simple integration.

Superposition is used as a basic procedure to obtain deflections by adding to w_1 the known deflection of a plate supported simply along all edges, and to w_2 the deflection resulting from application of couples uniformly distributed along the free edge. This is extended to cases actually having distributed couples along the fixed edges. Couple intensities are expressed by trigonometric series and the coefficients and moments are determined by equalising the slope of the elastic surface of the plates along the fixed edges.

From author's summary by J. P. Vidoor, USA

BOGUNOVIC, V.

TECHNOLOGY

Periodical: ZBORNIK, No. 3, 1958.

BOGUNOVIC, V. The bending of a right-angled equi-lateral triangular plate interpolated between small sides. p. 9.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, no. 3
March 1959 Unclass.

BOGUNOVIC, V.

TECHNOLOGY

Periodical: ZBORNIK, No. 3, 1958.

BOGUNOVIC, V. Bending of beams at equidistant elastic supports. p. 53.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, no. 3
March 1959 Unclass.

MROZOWSKI, D.; SEMANYCZ, J.; BOGUNOWICZ, A.

Effect of the type of anesthesia and of the bacterial flora of the respiratory tract on the frequency of postoperative pulmonary complications. Roczn. pom. akad. med. Swierczewski. 8:339-350 '62.

1. Z II Kliniki Chirurgicznej Pomorskiej Akademii Medycznej Kierownik: prof. dr med. W.R. Heftman i z Zakladu Mikrobiologii Pomorskiej Akademii Medycznej Kierownik: prof. dr med. W. Murczynska.

(SURGERY OPERATIVE) (LUNG DISEASES) (ANESTHESIA)
(RESPIRATORY SYSTEM) (STREPTOCOCCUS) (STAPHYLOCOCCUS)

2. GŁAŚKA II

P

1

2347. PRECISE FRACTIONATION OF CRUDE BENZENE. Dolinski, J. and Boguncka, A. (Gas Noda Tech. Sanit, 1946, vol. 22, (2), 35-39; abstr. in Chem. Abstr., 1949, vol. 43, 3597). A laboratory fractionating apparatus and procedure are described. The fractions of benzene, toluene, and xylene obtained from a commercial product were in close agreement with those distilled from a prepared mixture of the 3 ingredients. A drawing of the apparatus is included.

C.A.

AMERICAN METALLURGICAL LITERATURE CLASSIFICATION

APPROVED FOR RELEASE: 06/09/2000

CIA-RDP86-00513R000206010009-3"

BOGUNSKY, B.

"Thermosets, Modern Construction Materials." p. 96 (Strojirenství, Vol. 3, no. 2,
Feb. 1953, Praha)

SO: Monthly List of East European Accessions, Vol. 3, no. 2, Library of Congress,
Feb. 1954, Uncl.

BOGURAYEV, G.A., inzh.

Inflow of residual groundwater in the Donets Basin mine
shafts and measures for its control. Shakht. stroi. 9 no.9:
12-14 S '65. (MIRA 18 9)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut organizatsii
i mekhanizatsii shakhtnogo stroitel'stva.

BOGUS, L.K.

Segmental pulmonary resection in tuberculosis. Tuberkuloza,
Beogr. 11 no.2:199 '59.

1. Institut za tuberkulozu AMN, direktor: Z.A. Lebedeva.
(PNEUMONECTOMY)

POLAND

KROH, Jersy, prof., dr.; BOOUS, Włodzimiera, mgr.; MAYER,
Józef, mgr.

Department of Radiation Chemistry, Politechnika,
(Katedra Chemii Radiacyjnej Politechniki), Łódź -
(for all).

Warsaw, Chemia Analityczna, No 4, July-August 1965,
pp 635-640.

"Characteristics of two-flame ionisation detector
and an example of its application in radiation
chemistry."

BOGUS, Z.

Electronic Reactance valve acting as negative resistance. p. 63

LACZNOSC. (Politechnika Gdanska) Poznan, Poland. No. 2, 1959

Monthly List of East European Accessions (EEAI) LC. Vol. 8, No. 9, Sept 1959
unclia.

ACCESSION NR: AT4023924

P/2507/63/013/42-/0009/0028

AUTHOR: Bogus, Z. (Bogus', Z.)

TITLE: Sequential methods of binary signal reception in the presence of disturbances

SOURCE: Warsaw. Przemyslowy Instytut Telekomunikacji. Prace, v. 13, no. 42-43, 1963, 9-28

TOPIC TAGS: sequential analysis, radar, radiotelegraphy, binary signal, binary signal reception, telecommunications, clutter, decision-making feedback, sequential probability, statistical signal reception theory; sequential detection system, sequential detection, multiple resolution element radar

ABSTRACT: Statistical telecommunications theory deals with identifying a message on the basis of the received signal in the presence of disturbances. In the majority of cases, the observation time for this signal is set in advance. This approach is valid only when the emitted signal a definite duration and the receiver set cannot prolong this time during transmission of the message. In

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ACCESSION NR: AT4023924

some cases the duration of the emitted signal cannot be fixed in advance, but a decision can be made as to when the emitted signal as well as scanning should be terminated. This is only possible by placing a feedback between the receiver and transmitter. The receiver controls the duration of the emitted signal. This system is particularly adaptable to radar systems and for some cases of measuring, inasmuch as the transmitter and receiver are in the same location and it is easy to fix the duration of the signal emitted by the transmitter. In an actual example for a radar set, the quantity of pulses emitted by a radar antenna in a given direction can be made dependent upon the decision making reliability of the receiver set. This is known as a system with a decision-making feedback. The basic mathematical problems associated with these problems, called sequential analysis, have been worked out by Wald ("Sequential Analysis," John Wiley, New York, 1947; "Optimum character of the sequential probability ratio test" Ann. of Math. Stat., vol 19, no. 3, 1948, page 326; "Statistical decision functions," John Wiley, N. Y., 1950). Sequential analysis is one of the methods improving the quality of signal reception in the presence of disturbances. This method permits better results to be obtained than with the use of conventional non-sequential methods. The principles for sequential

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ACCESSION NR: ATL023924

reception of predetermined binary signals as well as for passive parameter binary signals are given. Methods for sequential reception of pulse trains with an unknown phase and those with an unknown phase and amplitude are examined in particular. A continuous signal rather than a sampled sequence as the received signal is examined. The results can be applied to radar, measuring or to some cases of radiotelegraphy. Orig. art. has: 23 figures and 81 equations.

ASSOCIATION: Politechnika Gdanska (Danzig Polytechnic)

SUBMITTED: 20Feb63

DATE ACQ: 09Apr64

ENCL: 00

SUB CODE: CO, RA

NO REV Sov: 003

OTHER: CLO

Card 3/3

BOGUS, Zenon

Studies of the influence of ignorance of the pulse position
on the character of binary decisions. Lacznosc Gdansk
no. 7:3-14 '63.

1. Department of Measurements in Telecommunication,
Technical University, Gdansk.

BOGUS, Z.

Sequential methods of receiving binary signals in the presence of disturbances. Przem inst telekom prace 13 no.42/43:9-28 1963.

1. Technical University, Gdansk.

BOGUS, Zenon; KRAJEWSKI, Ryszard

Quality studies on the sequence decision rule. Lacznosc Gdansk
no.12:35-53 '64.

1. Department of Telecommunication Measurements of the Gdansk
Technical University. Submitted November 12, 1963.

L 29459-66

ACC NR: AT6001507

SOURCE CODE: P0/2514/64/000/012/0035/0053

AUTHOR: Bogus, Z.

Krajewski, R.

49
BTORG: Department of Telecommunication Measurement, Danzig Polytechnical Institute
(Katedra Mierania Telekomunikacyjnego, Politechnika Gdanska)

TITLE: Investigation of the quality of the sequence principle of decision

SOURCE: Danzig. Politechnika. Zeszyty naukowe, no. 62. Lacznosc, no. 12, 1964, 35-53

TOPIC TAGS: radar engineering, radar receiver, radar pulse, radar signal analysis,
sequence, SIGNAL TO NOISE RATIO, SIGNAL DENSITY

ABSTRACT: The article reports on the experimental investigation of the sequence principle on a model built for this purpose. Two problems were investigated in particular: 1) the quality of the sequence principle for given binary signals and gaussian noise; the results were compared with the theoretically calculated results; 2) probability density distributions of duration of a generated signal. The sequence principle of decision is a recent development in radar, and its superiority to the non-sequence principle in that it yields a smaller error decision probability in the case of identical signal-to-noise ratios suggests that it might find application in other fields also. Because of mathematical difficulties, simplifying assumptions were made in the computation of the theoretical curves of probability distributions which

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L 29459-66

ACC NR: AT6001507

nonetheless, were found to be in good agreement with the experimentally determined curves. Orig. art. has: 9 figures and 27 formulas.

SUB CODE: /7 / SUBM DATE: 12Nov63/ ORIG REF: 007/ OTH REF: 006/
SOV REF: 003

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212 17

APPROVED FOR RELEASE: 06/09/2000

CIA-RDP86-00513R000206010009-3"

BOGUSEVICH, L.N.

Titurating apparatus for preparing soil for mechanical analysis
in which sodium pyrophosphate is used. Izv.AN Kazakh.SSR.Ser.
bot. i pochv. no.2:69-72 '59. (MIRA 13:5)
(Soils--Analysis) (Pyrophosphates)

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<p>Derivatives of isocoumarin. I. Synthesis of isocoumarin-3-carboxylic acid. N. N. Virozhkov, Jr., and L. N. Borushevich. <i>J. Gen. Chem. (U. S. S. R.)</i> 10, 2014-10 (1940).—The di-Me ester of isocoumarin-3,4-dicarboxylic acid (I) was obtained by the condensation of di-Me homophthalate with $(CO_2Me)_2$ (in ether in the presence of metallic Na). Isocoumarin-3-carboxylic acid (II) was obtained by refluxing 2 g. of I for 2 hrs. with 10 ml. concd. HCl. This colorless needles of II, m. 230°, pptd. on cooling the soln. It melted at the same temp. when mixed with II prep'd. from β-naphthoquinone according to Bamberger and Kirschel (<i>Ber.</i> 25, 896, 1158 (1892)). The Me ester of II, m. 174°, was obtained when II was methylated with CH_3N_2. II was also obtained on condensation of di-Et homophthalate with $(CO_2Et)_2$, after heating the condensation product with HCl. James J. Lichtin</p>																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
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"APPROVED FOR RELEASE: 06/09/2000

CIA-RDP86-00513R000206010009-3

Fishing in the coastal waters of Kazakhstan

Karpagorsk and I. V. Popovskii districts have been identified as the best areas for fishing. There are also many water sources in Kazakhstan which contain large quantities of fish, more than 1 kg per cubic meter.

APPROVED FOR RELEASE: 06/09/2000

CIA-RDP86-00513R000206010009-3"

BOGUSEVICH, L.N.

Computation of the sum of ions in natural waters by their anion composition. Gidrokhim. mat. 23:192-194 '55. (MLRA 9:2)

1. Kazakhskiy gosudarstvennyy institut po proyektirovaniyu dokhozyaystvennykh sooruzheniy i sel'skikh elektrostantsiy, Alma-Ata. (Water--Analysis) (Ions)

BOGUSEVICH, L.N.

Conductometric determination of calcium in natural waters.
Gidrokhim. mat. 32:184-191 '61. (MIRA 14:6)

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vodokhozyaystvennykh sooruzheniy i sel'skikh elektrostantsiy
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(Water-Analysis)
(Calcium)
(Conductometric analysis)

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S/058/62/000/007/009/068
A061/A101

AUTHORS: Bogush, A. A., Maroz, L. G.

TITLE: A contribution to the covariant electromagnetic field theory

PERIODICAL: Referativnyy zhurnal, Fizika, no. 7, 1962, 25, abstract 7A239
("Izv. AN BSSR. Ser. fiz.-tekhn. n.", 1961, no. 4, 60 - 67,
Belorussian)

TEXT: In the ten-dimensional formulation of the electromagnetic field theory, in which the wave function consists of four potential components and six field strength components (RZhFiz, 1959, no. 11, 24203; 1960, no. 6, 13077), it is shown that in the transition to the covariant description of photon spin states (i. e., to the covariant notation of the operator of photon spin projection on the respective momentum), a relativistic, invariant, Coulomb gauging of the potentials, ensuring the covariant separation of a transverse electromagnetic field, is automatically obtained. It is also shown that the commutation relations for the ten-dimensional wave functions include the commutation relations for the transverse field potentials in the covariant form.
[Abstracter's note: Complete translation] A. Glauberman

Card 1/1

BOGUSH, A.A.

Finite transformations of a representation of a Lorentz group for
spin 0 to 1. Dokl.AN BSSR 5 no.4:155-158 Ap '61. (MIRA 14:5)

1. Institut fiziki AN BSSR. Predstavleno akad.AN BSSR B.I.Stepanovym.
(Particles (Nuclear physics))

24.460²

S/058/62/000/003/019/092
A061/A101

AUTHORS: Bogush, A. A., Fedorov, F. I.

TITLE: An invariant expression for a Lorentz matrix transforming one vector into another

PERIODICAL: Referativnyy zhurnal, Fizika, no. 3, 1962, 34, abstract 3A324 (Dokl. AN BSSR, 1961, v. 5, no. 6, 241 - 244)

TEXT: A formula is obtained for the parameters of the Lorentz transformation of 4-vector ρ into ρ' (using the parametrization of the Lorentz transformation, considered by Fedorov [RZhFiz, 1961, 10A108]).

[Abstracter's note: Complete translation]

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